

## Summary

For supplying energy to users in a sliding door, a sliding door system is proposed which has a sliding door, which can be moved between a closed position and an open position, where at least one energy guide chain is provided, which can be connected on one end to the sliding door and on the other end to a chassis of the vehicle. Lines are guided in the energy guide chain to electrical users which are arranged in the sliding door. A curved region is formed between the ends of the energy guide chain, which wanders with the path of the movement of the sliding door. Depending on the position of the sliding door, the curved region has different radii of curvature.